PROVISION ISR

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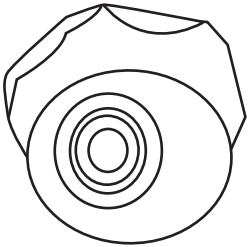
EN

ES



BLC

AWB

CCD

Auto Iris

# Digital CCTV Camera

DOME CAMERA

## MANUAL

English / Spanish

www.provision-isr.com

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RoHS Compliant

FC

CE

# Content

EN English Manual 2

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**Note: Only** professional technicians is allowed to open the front or back cover of this camera.

**Note:**
In order to avoid electrical shock or fire, please use proper power according to the manual.

**NotA: Solo** técnicos profesionales pueden abrir las cubiertas frontal o posterior de esta cámara.

**Nota:**
Para prevención de choques electricos o fuego, por favor use la corriente apropiada, acorde con el manual.



## General

Thank you for using our products. Before use, please read this manual carefully to ensure correct use of this series of products. Please keep the manual properly for future use.
This series of cameras take high-sensitivity CCD as the image sensor, all circuits have long work life and high reliability. Excellent image will be top choice for your camera.

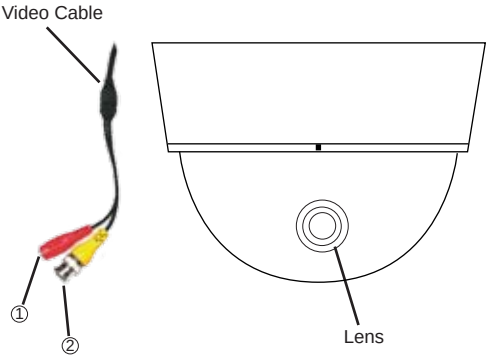
## Main Features

1. Easy to install and assemble.
2. High resolution, high sensitivity and high s/n ratio.
3. Low illumination, high quality image.
4. CCD sensor can prolong the work life of camera.
5. With SONY DSP and CCD chip, image is clear and stable.

## Precautions

1. Do not install the camera in places where the temperature is above 50°C or under -10°C.
2. Do not touch the CCD surface with your finger. If cleaning is needed, please wipe it using a soft cloth with a little bit of alcohol.
3. Do not install in places with high humidity, it can seriously damage the quality of the picture.
4. Do not drop the camera and avoid physical shock.
5. Do not face your camera to a strong light, it can damage the CCD.
6. Do not expose the camera to rain or dusty surroundings.
7. Its highly important to use the correct and suitable power supply(DC12V) for the camera.
8. Only professional and qualified technician can install and test
9. During use, if any errors occur, cut off the power immediately and contact your local distributor.

## Structure and Components




**Color Camera**
AES Auto Electronic Shutter Switch (Auto)
BLC Backlight Compensation Switch (Auto)
AGC Auto Gain Control Switch (Auto)
AWB Auto White Balance Switch (Auto)

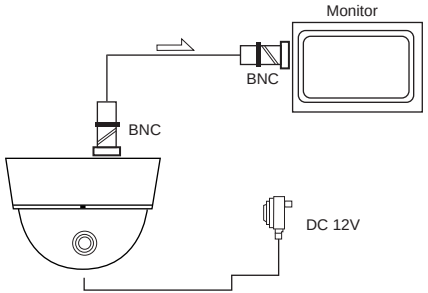
**Video Cable:**
①Power Supply Socket
②Video out

## Operation Steps

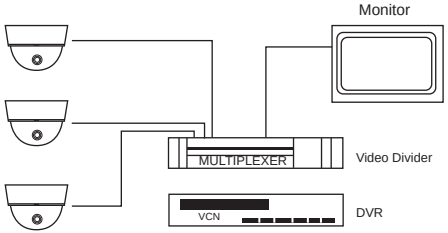
(1) Confirm that the power supply for the camera is correct;
Connect①Power Supply Socket to the power supplier.
(2) Connect "Video Out"②of the camera to the monitor or other video equipment (DVR) with a 75 ohm cable (RG59).



## System connection




① Use one camera and one monitor




②Use Several Cameras and one Monitor

## Camera Specification

| MODEL | DA-352CS | DA-322CS |
|---|---|---|
| Image Sensor | 1/3" SONY Super HAD CCD | |
| DSP System | SONY HQ1 | SONY DSP Chipset |
| TV System | PAL/NTSC | |
| Effective Pixels | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Horizontal Resolution | 540TVL | 420TVL |
| Minimum Illumination | 0.02 LUX/F2.0 | 0.05 LUX/F2.0 |
| S/N Ratio | 48db(AGC OFF) | |
| Video Output | Composite 1.0Vp–p at 75ohm | |
| White Balance | AWB / ATW | |
| Electronic Shutter | 1/50 ~ 1/100000sec | |
| Gamma correction | 0.45 | |
| Sync.System | Internal | |
| Auto Iris Control | Video/DC Switchable | |
| Lens | C/CS | |
| Power Supply | DC12V ± 1V/150mA | |
| Operation Temperature | - 10℃ ⊣ – 50℃ | |
| Dimensions | 150W x 110H mm | |
| Net Weight | 1250g | |



## Camera Specification

| MODEL | DX-322CS | DX-425CS |
|---|---|---|
| Image Sensor | 1/3" SONY Super HAD CCD | 1/4" SONY CCD |
| DSP System | SONY DSP Chipset | |
| TV System | PAL/NTSC | |
| Effective Pixels | PAL:537(H)×597(V) / NTSC:537(H)×505(V) | |
| Horizontai Resolution | 420TVL | |
| Minimum Illumination | 0.05 LUX/F1.2 | 0.5 LUX/F1.2 |
| S/N Ratio | 48db(AGC OFF) | |
| Video Output | Composite 1.0Vp–p at 75ohm | |
| White Balance | AWB ON (ATW OFF PUSH) Switchable | |
| Electronic Shutter | 1/50 ~ 1/100000sec | |
| Gamma correction | 0.45 | |
| Sync.System | Internal | |
| Auto Iris Control | Video/DC Switchable | |
| Lens | 3.6/4/6/8mm Board Lens | |
| Power Supply | DC12V ± 1V/180mA | |
| Operation Temperature | - 10℃ ⊣ – 50℃ | |
| Dimension | 84W x 53H mm | |
| Net Weight | 280g | |

## Camera Specification

| MODEL | DX-352CS |
|---|---|
| Image Sensor | 1/3" SONY Super HAD CCD |
| DSP System | SONY HQ1 DSP Chipset |
| TV System | PAL/NTSC |
| Effective Pixels | PAL:795(H)x596(V) / NTSC:811(H)x508(V) |
| Horizontai Resolution | 540TVL |
| Minimum Illumination | 0.02 LUX/F1.2 |
| S/N Ratio | 48db(AGC OFF) |
| Video Output | Composite 1.0Vp-p at 75ohm |
| White Balance | AWB ON (ATW OFF PUSH) Switchable |
| Electronic Shutter | 1/50 ~ 1/100000sec |
| Gamma correction | 0.45 |
| Sync.System | Internal |
| Auto Iris Control | Video/DC Switchable |
| Lens | 3.6/4/6/8mm Board Lens |
| Power Supply | DC12V ± 1V/180mA |
| Operation Temperature | - 10℃ ~ - 50℃ |
| Dimension | 100W x 80H mm |
| Net Weight | 280g |



## Camera Specification

| MODEL | DI-355CSVF | DI-325CSVF |
|---|---|---|
| Image Sensor | 1/3" SONY Super HAD | |
| DSP System | SONY HQ1 | SONY DSP Chipset |
| TV System | PAL/NTSC | |
| Effective Pixels | PAL:795(H)x596(V) NTSC:811(H)x508(V) | PAL:537(H)×597(V) NTSC:537(H)×505(V) |
| Horizontai Resolution | 540TVL | 420TVL |
| Minimum Illumination | 0.5 LUX/F2.0 (0 Lux IR On) | |
| S/N Ratio | 48db(AGC OFF) | |
| Video Output | Composite 1.0Vp-p at 75ohm | |
| White Balance | Auto Tracking White Balance | |
| AGC | Adjustable | |
| Backlight Compensation | Adjustable | |
| Electronic Shutter | 1/50 ~ 1/120000sec | |
| Gamma correction | 0.45 | |
| Sync.System | Internal | |
| IR LED | 36PSC | |
| Lens | 4-9mm Vari-focal Lens | |
| IR View Distance | 30m | |
| Power Supply | DC12V / 110mA | |
| Operation Temperature | - 10℃ ~ - 50℃ | |
| Dimension | 94W x 69H mm | |
| Net Weight | 300g | |

## Camera Specification

| MODEL | DI-355CS(FL) | DI-325CS(FL) |
|---|---|---|
| Image Sensor | 1/3" SONY Super HAD | |
| DSP System | SONY HQ1 | SONY DSP Chipset |
| TV System | PAL/NTSC | |
| Effective Pixels | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Horizontai Resolution | 540TVL | 420TVL |
| Minimum Illumination | 0.5 LUX/F2.0 (0 Lux IR On) | |
| S/N Ratio | 48db(AGC OFF) | |
| Video Output | Composite 1 0Vp–p at 75ohm | |
| White Balance | AWB | |
| AGC | Adjustable | |
| Backlight Compensation | Adjustable | |
| Electronic Shutter | 1/50 ~ 1/120000sec | |
| Gamma correction | 0 45 | |
| Sync.System | Internal | |
| IR LED | 24PSC | |
| Lens | 3.6/4/6/8mm Board Lens | |
| IR View Distance | 20m | |
| Power Supply | DC12V / 110mA | |
| Operation Temperature | 10 C – – 50 C | |
| Dimension | 94W x 69H mm | |
| Net Weight | 300g | |



## Camera Specification

| MODEL | DI-355CS(PL) | DI-325CS(PL) |
|---|---|---|
| Image Sensor | 1/3" SONY Super HAD | |
| DSP System | SONY HQ1 | SONY DSP Chipset |
| TV System | PAL/NTSC | |
| Effective Pixels | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Horizontai Resolution | 540TVL | 420TVL |
| Minimum Illumination | 0.5 LUX/F2.0 (0 Lux IR On) | |
| S/N Ratio | 48db(AGC OFF) | |
| Video Output | Composite 1 0Vp–p at 75ohm | |
| White Balance | AWB | |
| AGC | Adjustable | |
| Backlight Compensation | Adjustable | |
| Electronic Shutter | 1/50 ~ 1/120000sec | |
| Gamma correction | 0 45 | |
| Sync.System | Internal | |
| IR LED | 24PSC | |
| Lens | 3.6/4/6/8mm Board Lens | |
| IR View Distance | 20m | |
| Power Supply | DC12V / 110mA | |
| Operation Temperature | -10°C - +50°C | |
| Dimension | 94W x 69H mm | |
| Net Weight | 150g | |

## Camera Specification

| MODEL | CM-325CS |
|---|---|
| Image Sensor | 1/3" SONY Super HAD CCD |
| DSP System | SONY DSP chipset |
| TV System | PAL/NTSC |
| Effective Pixels | PAL:537(H)×597(V) / NTSC:537(H)×505(V) |
| Horizontai Resolution | 420TVL |
| Minimum Illumination | 0Lux (IR ON) |
| S/N Ratio | 48db(AGC OFF) |
| Video Output | Composite 1.0Vp–p at 75ohm |
| White Balance | AWB |
| AGC | Adjustable |
| Backlight Compensation | Adjustable |
| Electronic Shutter | 1/50 ~ 1/120000sec |
| Gamma correction | 0.45 |
| Sync.System | Internal |
| IR LED | 12 PSC |
| Lens | 3.6/4/6/8mm Board Lens |
| IR View Distance | 15M |
| Power Supply | DC12V ± 1V/110mA |
| Operation Temperature | - 10℃ – + 50℃ |
| Dimension | 55W x 85H x 85L |
| Net Weight | 130g |



## Camera Specification

| MODEL | DX-322CP36 |
|---|---|
| Image Sensor | 1/3" CCD |
| DSP System | PROVISION DSP Chipset |
| TV System | PAL / NTSC |
| Effective Pixels | PAL:537H x 597V<br>NTSC:537H x 505V |
| Horizontai Resolution | 420TVL |
| Minimum Illumination | 0.5 LUX/F1.2 |
| S/N Ratio | More than 48dB |
| Video Output | 1.0Vp p composite video signal 75 Ω |
| White Balance | AWB |
| Electronic Shutter | 1/50 ~ 1/100,000 |
| Gamma correction | 0.45 |
| Sync.System | Internal |
| Auto Iris Control | Video/DC Switchable |
| Lens | 3.6mm Board Lens / 3 Axis system |
| Power Supply | DC 12V / 110mA |
| Operation Temperature | -10° to 50° |
| Dimension | 90W x 60H mm |
| Net Weight | 280g |

## Camera Specification

| MODEL | DI-322CP36(P) |
|---|---|
| Image Sensor | 1/3" CCD |
| DSP System | PROVISION DSP Chipset |
| TV System | 420TVL |
| Effective Pixels | PAL:537H x 597V / NTSC:537H x 505V |
| Horizontal Resolution | 420TVL |
| Minimum Illumination | 0.5 Lux (0 Lux IR On) |
| Lens Mount | 3.6mm |
| S/N Ratio | More than 48dB |
| Electronic Shutter | 1/60(1/50)~1/100,000 sec |
| Gamma Modification | 0.45 |
| Gain Control | Auto |
| White Balance | Auto |
| Synchronous System | Internal |
| Video Output | 1.0Vp p composite video signal 75 Ω |
| Leds Number | 10 Big Leds / 15m |
| Infra Lamps Control | Day/night Turn off/on Automatic |
| Operating Temperature | -10° to 50° |
| Power Supply | DC12V / 110mA |
| Dimensions | 100x65mm |
| Weight | 150g |
| | |



## General

Gracias por utilizar nuestros productos. Antes de usar, por favor lea atentamente este manual para garantizar el correcto uso de los mismos. Por favor, guarde el manual correctamente para uso futuro. Esta serie de cámaras tienen un CCD de alta sensibilidad como sensor de imagen, todos los circuitos tienen una larga vida útil y alta fiabilidad. Una excelente imagen que sera la mejor elección para su cámara.

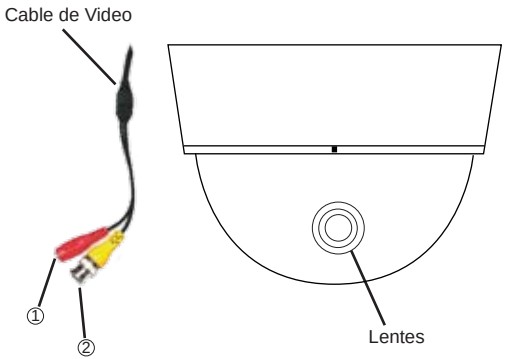
## Características principales

1.Fácil de instalar y ensamblar.
2.Alta resolución, alta sensibilidad y alto rango s/n.
3.Baja iluminación, alta calidad de imágen.
4.El sensor CCD prolonga la vida útil de la cámara.
5.Con DSP y chip CCD SONY, imagen clara y estable.

## Precauciones

1. No instale la cámara en lugares donde la temperatura es mayor a 50°C o inferior a -10°C.
2. No toque la superficie del CCD con el dedo. Si es necesario limpiar, use un trapo suave con un poco de alcohol.
3. No instalar en lugares altamente húmedos,puede causar serios daños en la imágen.
4. Cuidar de que no reciba golpes fuertes o se caiga.
5. No exponer la cámara frente a luz fuerte, esto puede dañar el CCD.
6. No exponga la cámara a un ambiente polvoriento o lluvioso.
7. Es sumamente importante usar la electricidad correcta (DC12V) para la cámara.
8. Solo personal profesional y calificado tecnicamente puede instalar y probar esta cámara.
9. Durante el uso, si alguna falla ocurre, corte la corriente inmediata mente y contacte a su distribuidor local.

## Estructura y componentes




**Color Camera**
**AES** Botón de Auto Obturador Electrónico (Auto)
**BLC** Compensación de contraluz (Auto)
**AGC** Control de auto-ganancia (Auto)
**AWB** Balance automático de blancos (Auto)

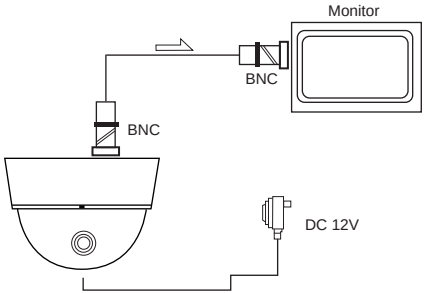
**Cable de Video:**
①Entrada de corriente
②Salida de Video

## Pasos de operación

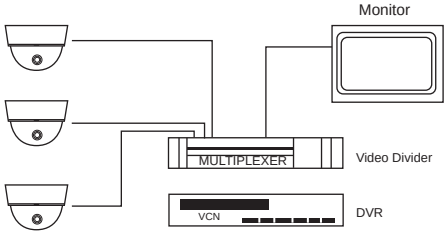
(1) Confirme que el suministro de energía es el correcto;
Conecte①la entrada de corriente al adaptador.
(2) Conecte la "Salida de Video"②de la cámara al monitor u otro equipo de video (DVR) con un cable de 75 ohm (RG59).



## Conexión del sistema




① Uso de una cámara y un monitor.




②Uso de varias cámaras y un monitor.

## Especificaciones

| MODELO | DA-352CS | DA-322CS |
|---|---|---|
| Disp. de imágen | 1/3" SONY Super HAD CCD | |
| Sistema DSP | SONY HQ1 | SONY DSP Chipset |
| Sistema de video | PAL/NTSC | |
| Pixels efectivos | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Res. horizontál | 540TVL | 420TVL |
| Iluminación máx. | 0.02 LUX/F2.0 | 0.05 LUX/F2.0 |
| Rango S/N | 48db(AGC OFF) | |
| Salida video | Compuesta 1.0Vp-p at 75ohm | |
| Balance de blancos | AWB / ATW Cambiable | |
| Velocidad disparo | 1/50 ~ 1/100000sec | |
| Corrección gama | 0.45 | |
| Sistema de sinc. | Interno | |
| Control auto iris | Video/DC Cambiable | |
| Lentes | C/CS | |
| Fuente alimentación | DC12V ± 1V/150mA | |
| Temp. en operación | - 10℃ ~ + 50℃ | |
| Dimensiones | 150W x 110H mm | |
| Peso neto | 1250g | |



## Especificaciones

| MODELO | DX-322CS | DX-425CS |
|---|---|---|
| Disp. de imágen | 1/3" SONY Super HAD CCD | 1/4" SONY CCD |
| Sistema DSP | SONY DSP Chipset | |
| Sistema de video | PAL/NTSC | |
| Pixels efectivos | PAL:537(H)×597(V) / NTSC:537(H)×505(V) | |
| Res. horizontál | 420TVL | |
| Iluminación máx. | 0.05 LUX/F1.2 | 0.5 LUX/F1.2 |
| Rango S/N | 48db(AGC OFF) | |
| Salida video | Compuesta 1.0Vp-p at 75ohm | |
| Balance de blancos | AWB ON (ATW OFF PUSH) Cambiable | |
| Velocidad disparo | 1/50 ~ 1/100000sec | |
| Corrección gama | 0.45 | |
| Sistema de sinc. | Interno | |
| Control auto iris | Video/DC Cambiable | |
| Lentes | 3.6/4/6/8mm Board Lens | |
| Fuente alimentación | DC12V ± 1V/180mA | |
| Temp. en operación | - 10℃ ~ + 50℃ | |
| Dimensiones | 84W x 53H mm | |
| Peso neto | 280g | |

## Especificaciones

| MODELO | DX-352CS |
|---|---|
| Disp. de imágen | 1/3" SONY Super HAD CCD |
| Sistema DSP | SONY HQ1 DSP Chipset |
| Sistema de video | PAL/NTSC |
| Pixels efectivos | PAL:795(H)x596(V) / NTSC:811(H)x508(V) |
| Res. horizontál | 540TVL |
| Iluminación máx. | 0.02 LUX/F1.2 |
| Rango S/N | 48db(AGC OFF) |
| Salida video | Compuesta 1.0Vp-p at 75ohm |
| Balance de blancos | AWB ON (ATW OFF PUSH) Cambiable |
| Velocidad disparo | 1/50 ~ 1/100000sec |
| Corrección gama | 0.45 |
| Sistema de sinc. | Interno |
| Control auto iris | Video/DC Cambiable |
| Lentes | 3.6/4/6/8mm Board Lens |
| Fuente alimentación | DC12V ± 1V/180mA |
| Temp. en operación | -10℃ ~ 50℃ |
| Dimensiones | 100W x 80H mm |
| Peso neto | 280g |



## Especificaciones

| MODELO | DI-355CSVF | DI-325CSVF |
|---|---|---|
| Disp. de imágen | 1/3" SONY Super HAD | |
| Sistema DSP | SONY HQ1 | SONY DSP Chipset |
| Sistema de video | PAL/NTSC | |
| Pixels efectivos | PAL:795(H)x596(V) NTSC:811(H)x508(V) | PAL:537(H)×597(V) NTSC:537(H)×505(V) |
| Res. horizontál | 540TVL | 420TVL |
| Iluminación min. | 0.5 LUX/F2.0 (0 Lux IR On) | |
| Rango S/N | 48db(AGC OFF) | |
| Salida video | Compuesta 1.0Vp-p at 75ohm | |
| Balance de blancos | Balance de blancos automático (Autotracking) | |
| Contról de ganancia | Ajustable | |
| Comp. contraluz | Ajustable | |
| Velocidad disparo | 1/50 ~ 1/120000sec | |
| Corrección gama | 0.45 | |
| Sistema de sinc. | Interno | |
| LEDS Infra Rojos | 36PSC | |
| Lentes | 4-9mm Lente Vari-focal | |
| Distancia del Infrarrojo | 30m | |
| Fuente alimentación | DC12V / 110mA | |
| Temp. en operación | -10℃ ~ 50℃ | |
| Dimensiones | 94W x 69H mm | |
| Peso neto | 300g | |

## Especificaciones

| MODELO | DI-355CS(FL) | DI-325CS(FL) |
|---|---|---|
| Disp. de imágen | 1/3" SONY Super HAD | |
| Sistema DSP | SONY HQ1 | SONY DSP Chipset |
| Sistema de video | PAL/NTSC | |
| Pixels efectivos | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Res. horizontál | 540TVL | 420TVL |
| Iluminación min. | 0.5 LUX/F2.0 (0 Lux IR On) | |
| Rango S/N | 48db(AGC OFF) | |
| Salida video | Compuesta 1 0Vp–p at 75ohm | |
| Balance de blancos | AWB | |
| Contról de ganancia | Ajustable | |
| Comp. contraluz | Ajustable | |
| Velocidad disparo | 1/50 ~ 1/120000sec | |
| Corrección gama | 0 45 | |
| Sistema de sinc. | Interno | |
| LEDS Infra Rojos | 24PSC | |
| Lentes | 3.6/4/6/8mm Board Lens | |
| Distancia del Infrarrojo | 20m | |
| Fuente alimentación | DC12V / 110mA | |
| Temp. en operación | 10 C – – 50 C | |
| Dimensiones | 94W x 69H mm | |
| Peso neto | 300g | |



## Especificaciones

| MODELO | DI-355CS(PL) | DI-325CS(PL) |
|---|---|---|
| Disp. de imágen | 1/3" SONY Super HAD | |
| Sistema DSP | SONY HQ1 | SONY DSP Chipset |
| Sistema de video | PAL/NTSC | |
| Pixels efectivos | PAL:795(H)x596(V)<br>NTSC:811(H)x508(V) | PAL:537(H)×597(V)<br>NTSC:537(H)×505(V) |
| Res. horizontál | 540TVL | 420TVL |
| Iluminación min. | 0.5 LUX/F2.0 (0 Lux IR On) | |
| Rango S/N | 48db(AGC OFF) | |
| Salida video | Compuesta 1 0Vp–p at 75ohm | |
| Balance de blancos | AWB | |
| Contról de ganancia | Ajustable | |
| Comp. contraluz | Ajustable | |
| Velocidad disparo | 1/50 ~ 1/120000sec | |
| Corrección gama | 0 45 | |
| Sistema de sinc. | Interno | |
| LEDS Infra Rojos | 24PSC | |
| Lentes | 3.6/4/6/8mm Board Lens | |
| Distancia del Infrarrojo | 20m | |
| Fuente alimentación | DC12V / 110mA | |
| Temp. en operación | -10°C - +50°C | |
| Dimensiones | 100W x 65H mm | |
| Peso neto | 150g | |

## Especificaciones

| MODELO | CM-325CS |
|---|---|
| Disp. de imágen | 1/3" SONY Super HAD CCD |
| Sistema DSP | SONY DSP chipset |
| Sistema de video | PAL/NTSC |
| Pixels efectivos | PAL:537(H)×597(V) / NTSC:537(H)×505(V) |
| Res. horizontál | 420TVL |
| Iluminación min. | 0Lux (IR ON) |
| Rango S/N | 48db(AGC OFF) |
| Salida video | Compuesta 1.0Vp–p at 75ohm |
| Balance de blancos | AWB |
| Contról de ganancia | Ajustable |
| Comp. contraluz | Ajustable |
| Velocidad disparo | 1/50 ~ 1/120000sec |
| Corrección gama | 0.45 |
| Sistema de sinc. | Interno |
| LEDS Infra Rojos | 12 PSC |
| Lentes | 3.6/4/6/8mm Board Lens |
| Distancia del Infrarrojo | 15M |
| Fuente alimentación | DC12V ± 1V/110mA |
| Temp. en operación | - 10℃ – + 50℃ |
| Dimensiones | 55W x 85H x 85L |
| Peso neto | 130g |



## Especificaciones

| MODELO | DX-322CP36 |
|---|---|
| Disp. de imágen | 1/3" CCD |
| Sistema DSP | PROVISION DSP Chipset |
| Sistema de video | PAL / NTSC |
| Pixels efectivos | PAL:537H x 597V<br>NTSC:537H x 505V |
| Res. horizontál | 420TVL |
| Iluminación máx. | 0.5 LUX/F1.2 |
| Rango S/N | More than 48dB |
| Salida video | 1.0Vp p señal de video compuesta 75 Ω |
| Balance de blancos | AWB |
| Velocidad disparo | 1/50 ~ 1/100,000 |
| Corrección gama | 0.45 |
| Sistema de sinc. | Interno |
| Control auto iris | Video/DC Cambiable |
| Lentes | 3.6mm Board Lens / Sistema 3 Axis |
| Fuente alimentación | DC 12V / 110mA |
| Temp. en operación | -10° to 50° |
| Dimensiones | 90W x 60H mm |
| Peso neto | 280g |

## Especificaciones

| MODELO | DI-322CP36(P) |
|---|---|
| Disp. de imágen | 1/3" CCD |
| Sistema DSP | PROVISION DSP Chipset |
| Sistema de video | 420TVL |
| Pixels efectivos | PAL:537H x 597V / NTSC:537H x 505V |
| Res. horizontál | 420TVL |
| Iluminación min. | 0.5 Lux (0 Lux IR On) |
| Rango S/N | 3.6mm |
| Salida video | Más de 48dB |
| Balance de blancos | 1/60(1/50)~1/100,000 sec |
| Contról de ganancia | 0.45 |
| Comp. contraluz | Auto |
| Velocidad disparo | Auto |
| Corrección gama | Interno |
| Sistema de sinc. | 1.0Vp p señal de video compuesta 75 Ω |
| LEDS Infra Rojos | 10 Leds grandes / 15m |
| Lentes | Día/Noche Off/On Automatico |
| Distancia del Infrarrojo | -10° to 50° |
| Fuente alimentación | DC12V / 110mA |
| Temp. en operación | 100x65mm |
| Dimensiones | 150g |
| Peso neto | |



## Notes / Notas